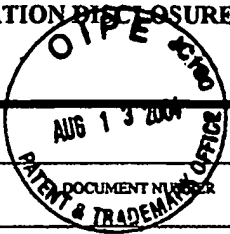


INFORMATION DISCLOSURE CITATION				Docket Number (Optional) FM-269J		Application Number 10/804,730	
				Applicant(s) Farrell et al.			
				Filing Date March 19, 2004		Group Art Unit 3765	



U.S. PATENT DOCUMENTS							
*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PW		2,953,970	09/27/1960	Maynard	—	—	
↑ ↓		2,963,535	12/06/1960	Wegener et al.	—	—	
		2,963,538	12/06/1960	Dahlgren	—	—	
		2,997,521	08/22/1961	Dahlgren	—	—	
PW		3,086,071	04/16/1963	Preston	—	—	

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY			Translation	
							YES	NO
PW		EP 0 320 901 A2	21/06/1989	Europe			✓	

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)
PW		"Wearable Sensor Badge & Sensor Jacket for Context Awareness", Farrington et al., Philips Research Laboratories, Surrey, U.K., 1999 IEE, pp. 107-113.
PW		"Electric Suspenders: A Fabric Power Bus and Data Network for Wearable Digital Devices", Michael M. Gorlick, The Aerospace Corporation, El Segundo, California, 1999 IEEE, pp. 114-121.

EXAMINER PW Norburn	DATE CONSIDERED 01-11-05
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

Docket Number (Optional)

FM-269J

Application Number

10/804,730

Applicant(s)

Farrell et al.

Filing Date

March 19, 2004

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3765

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PW		3,229,030	01/11/1966	Baermann	—	—	
↑		3,247,755	04/26/1966	Siegmund	—	—	
↓		3,288,175	11/29/1966	Valko	—	—	
↓		3,371,250	02/27/1968	Ross et al.	—	—	
PW		3,414,666	12/03/1968	Doundoulakis et al.	—	—	

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY			Translation	
							YES	NO

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

PW		"Smart Fabric, or Washable Computing", E. Rehmi Post, Maggie Orth, MIT Media Laboratory, Cambridge, MA. 5 pages.
PW		"E-broidery: Design and Fabrication of Textile-based Computing", by E.R. Post et al., IBM Systems Journal, Vol. 39, Nos. 3&4, 2000, pp. 840-860.

EXAMINER

PW Norlan

DATE CONSIDERED

01-11-05

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				Applicant(s) Farrell et al.			
				Filing Date March 19, 2004		Group Art Unit 3765	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>PN</i> ↑ ↓ <i>PN</i>		3,473,872	10/21/1969	Okamura	—	—	
		3,507,321	04/21/1970	Palma	—	—	
		3,551,585	12/29/1970	Smart et al.	—	—	
		3,631,298	12/28/1971	Davis	—	—	
		3,700,538	10/24/1972	Kennedy	—	—	

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY			Translation	
							YES	NO

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)
		"Intrabody Buses for Data and Power", E. Rhemi Post et al., MIT Media Laboratory, 1997 IEE, pp. 52-55.	

EXAMINER <i>PN Norburn</i>	DATE CONSIDERED <i>01-11-05</i>
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				Applicant(s) Farrell et al.			
				Filing Date March 19, 2004		Group Art Unit 3765	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PW		3,711,627	01/16/1973	Maringulov	—	—	
↑		3,778,331	12/11/1973	Scharf	—	—	
↓		3,878,316	04/15/1975	Groff	—	—	
↓		3,926,360	12/16/1975	Moister, Jr.	—	—	
PW		4,031,284	06/21/1977	Ingraham	—	—	

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)
REF	DOCUMENT NUMBER	DATE	

EXAMINER <i>P. J. Verbur</i>	DATE CONSIDERED <i>1-11-05</i>
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INFORMATION DISCLOSURE CITATION

Docket Number (Optional)

FM-269J

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10/804,730

Applicant(s)
Farrell et al.

Filing Date

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U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PW		4,035,694	07/12/1977	Barton et al.	—	—	
↑		4,103,102	07/25/1978	Klein	—	—	
↓		4,106,677	08/15/1978	Helmso et al.	—	—	
↓		4,111,510	09/05/1978	Zurcher	—	—	
PW		4,145,030	03/20/1979	Ingraham	—	—	

U.S. PATENT APPLICATION PUBLICATIONS

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FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY			Translation	
							YES	NO

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

P. Verbum

DATE CONSIDERED

1-11-05

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U.S. PATENT DOCUMENTS

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PW		4,158,103	06/12/1979	Danilin et al.	—	—	
J		4,191,800	03/04/1980	Holtzman	—	—	
J		4,196,355	04/01/1980	Maine	—	—	
J		4,227,520	10/14/1980	Lord	—	—	
PN		4,229,615	10/21/1980	Orr, Jr. et al.	—	—	

U.S. PATENT APPLICATION PUBLICATIONS

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FOREIGN PATENT DOCUMENTS

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DATE CONSIDERED

1-11-05

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Applicant(s)

Farrell et al.

Filing Date

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Group Art Unit

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U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PW		4,254,951	03/10/1981	Laney	/	/	
↓		4,281,237	07/28/1981	Berenson	/	/	
↓		4,370,658	01/25/1983	Hill	/	/	
↓		4,430,384	02/07/1984	George	/	/	
PW		4,452,847	06/05/1984	Siemon	/	/	

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY			Translation	
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OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Farrell

DATE CONSIDERED

1-11-05

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				Applicant(s) Farrell et al.			
				Filing Date March 19, 2004		Group Art Unit 3765	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PN		4,513,055	04/23/1985	Leibowitz	—	—	
↑		4,590,623	05/27/1986	Kitchman	—	—	
↓		4,658,089	04/14/1987	Guzy et al.	—	—	
↓		4,670,351	06/02/1987	Keane et al.	—	—	
PN		4,684,762	08/04/1987	Gladfelter	—	—	

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY			Translation	
							YES	NO

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <i>PN Verban</i>	DATE CONSIDERED <i>1-11-05</i>
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				Applicant(s) Farrell et al.			
				Filing Date March 19, 2004		Group Art Unit 3765	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,709,397	11/24/1987	Voshall et al.	—	—	
		4,735,847	04/05/1988	Fujiwara et al.	—	—	
		4,753,088	06/28/1988	Harrison et al.	—	—	
		4,761,005	08/02/1988	French et al.	—	—	
		4,803,096	02/07/1989	Kuhn et al.	—	—	

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY			Translation	
							YES	NO

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER 	DATE CONSIDERED 1-11-05
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				Applicant(s) Farrell et al.			
				Filing Date March 19, 2004		Group Art Unit 3765	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>PN</i> <i>PN</i>		4,814,585	03/21/1989	Klein	—	—	
		4,851,613	07/25/1989	Jacques	—	—	
		4,868,565	09/19/1989	Mettes et al.	—	—	
		4,875,144	10/17/1989	Wainwright	—	—	
		4,877,646	10/31/1989	Kuhn et al.	—	—	

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY			Translation	
							YES	NO

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <i>PN Nerloun</i>	DATE CONSIDERED <i>1-11-05</i>
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INFORMATION DISCLOSURE CITATION

Docket Number (Optional)

FM-269J

Application Number

10/804,730

Applicant(s)
Farrell et al.

Filing Date
March 19, 2004

Group Art Unit
3765

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PW		4,912,611	03/27/1990	Lyle	—	—	
PW		4,913,978	04/03/1990	Klotz et al.	—	—	
PW		4,948,951	08/14/1990	Balzano	—	—	
PW		4,983,452	01/08/1991	Daimon et al.	—	—	
PW		4,992,335	02/12/1991	Guerra et al.	—	—	

U.S. PATENT APPLICATION PUBLICATIONS

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FOREIGN PATENT DOCUMENTS

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							YES	NO

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

P. Werber

DATE CONSIDERED

1-11-05

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				Applicant(s) Farrell et al.			
				Filing Date March 19, 2004		Group Art Unit 3765	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PN		5,008,517	04/16/1991	Brekkestran et al.	—	—	
↕		5,032,705	07/16/1991	Batcheller et al.	—	—	
↕		5,047,788	09/10/1991	Gillard	—	—	
↕		5,073,984	12/24/1991	Tone et al.	—	—	
PN		5,095,628	03/17/1992	McKenney et al.	—	—	

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY			Translation	
							YES	NO

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <div style="text-align: center; font-size: 1.2em;">PN Verlen</div>	DATE CONSIDERED <div style="text-align: center; font-size: 1.2em;">1-11-05</div>
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				Applicant(s) Farrell et al.			
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PN		5,103,504	04/14/1992	Dordevic	—	—	
↑		5,126,920	06/30/1992	Cardashian et al	—	—	
↓		5,140,131	08/18/1992	Macher et al.	—	—	
↓		5,316,830	05/31/1994	Adams, Jr. et al.	—	—	
PN		5,318,845	06/07/1994	Tanaka et al.	—	—	

U.S. PATENT APPLICATION PUBLICATIONS							
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FOREIGN PATENT DOCUMENTS								
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							YES	NO

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER PN Werbin	DATE CONSIDERED 1-11-05
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Applicant(s)

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Filing Date

March 19, 2004

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U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PN		5,331,115	07/19/1994	Ysbrand	—	—	
PN		5,332,869	07/26/1994	Hagiwara	—	—	
PN		5,342,204	08/30/1994	Och	—	—	
PN		5,357,593	10/18/1994	Bossler	—	—	
PN		5,362,656	11/08/1994	McMahon	—	—	

U.S. PATENT APPLICATION PUBLICATIONS

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U.S. PATENT DOCUMENTS

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PN		5,371,326	12/06/1994	Clearwaters-Dreager et al.	—	—	
PN		5,393,928	02/28/1995	Cribb et al.	—	—	
PN		5,457,610	10/10/1995	Bernardoni et al.	—	—	
PN		5,499,927	03/19/1996	Ohno et al.	—	—	
PN		5,502,631	03/26/1996	Adachi	—	—	

U.S. PATENT APPLICATION PUBLICATIONS

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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS

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3765

U.S. PATENT DOCUMENTS

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PW		5,523,528	06/04/1996	Bese et al.	—	—	
↑		5,531,405	07/02/1996	Goldberg	—	—	
↑		5,538,781	07/23/1996	Rao et al.	—	—	
↓		5,543,585	08/06/1996	Booth et al.	—	—	
PW		5,600,098	02/04/1997	Kazaks	—	—	

U.S. PATENT APPLICATION PUBLICATIONS

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3765

U.S. PATENT DOCUMENTS

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PN		5,674,752	10/07/1997	Buckley et al.	—	—	
↑		5,680,681	10/28/1997	Fuss	—	—	
↓		5,691,062	11/25/1997	Shalaby et al.	—	—	
↓		5,747,101	05/05/1998	Booth et al.	—	—	
PN		5,763,058	06/09/1998	Isen et al.	—	—	

U.S. PATENT APPLICATION PUBLICATIONS

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FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY			Translation	
							YES	NO

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

PN

DATE CONSIDERED

1-11-05

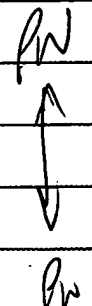
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				Applicant(s) Farrell et al.			
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*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		5,774,341	06/30/1998	Urbish et al.	—	—		
		5,786,977	07/28/1998	Cohen	—	—		
		5,802,607	09/08/1998	Triplette	—	—		
		5,829,987	11/03/1998	Fritsch et al.	—	—		
		5,832,296	11/03/1998	Wang et al.	—	—		
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY			Translation	
							YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER					DATE CONSIDERED			

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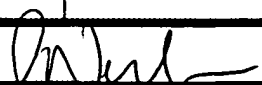
INFORMATION DISCLOSURE CITATION				Docket Number (Optional) FM-269J		Application Number 10/804,730	
				Applicant(s) Farrell et al.			
				Filing Date March 19, 2004		Group Art Unit 3765	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,837,624	11/17/1998	Sakaguchi et al.	—	—	
		5,876,430	03/02/1999	Shoberg et al.	—	—	
		5,883,364	03/16/1999	Frei et al.	—	—	
		5,906,004	05/25/1999	Lebby et al.	—	—	
		5,912,653	06/15/1999	Fitch	—	—	

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OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)

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Group Art Unit

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*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PN		5,914,585	06/22/1999	Grabon	—	—	
PN		5,914,660	06/22/1999	Mesibov et al.	—	—	
PN		5,926,144	07/20/1999	Bolanos et al.	—	—	
PN		5,931,764	08/03/1999	Freeman et al.	—	—	
PN		5,970,921	10/26/1999	Fulton	—	—	

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FOREIGN PATENT DOCUMENTS

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*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,989,120	11/23/1999	Truchsess	—	—	
		5,995,077	11/30/1999	Wilcox et al.	—	—	
		5,997,983	12/07/1999	Caron et al.	—	—	
		6,023,372	02/08/2000	Spitzer et al.	—	—	
		6,024,575	02/15/2000	Ulrich	—	—	

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PN		6,026,512	02/22/2000	Banks	—	—	
PN		6,080,690	06/27/2000	Lebby et al.	—	—	
PN		6,097,607	08/01/2000	Carroll et al.	—	—	
PN		6,105,624	08/22/2000	Wildeman et al.	—	—	
PN		6,117,554	09/12/2000	Shalaby et al.	—	—	

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PN		6,121,171	09/19/2000	Takahashi et al.	/	-	
↑		6,121,547	09/19/2000	Harada	/	-	
↓		6,126,572	10/03/2000	Smith	/	-	
↓		6,128,004	10/03/2000	McDowall et al.	/	-	
PN		6,210,771	04/03/2001	Post et al.	-	-	

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				Applicant(s) Farrell et al.			
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PN		6,231,516	05/15/2001	Keilman et al.	—	—	
PN		6,270,466	08/07/2001	Weinstein et al.	—	—	
PN		6,493,933	12/17/2002	Post et al.	—	—	

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	REF	DOCUMENT NUMBER	DATE	COUNTRY			Translation	
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